



## INFORMATION DISCLOSURE STATEMENT

Atty. Docket No.	09405.0001-00000	Appln. No.	10/762,429
Applicant	Heng-Chuan WANG et al.		
Filing Date	January 21, 2004	Group:	1651

## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate

## FOREIGN PATENT DOCUMENTS

Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

VA	Cárdenas et al., 2001, "Synthesis and Applications of Chitosan Mercaptanes as Heavy Metal Retention Agent," Int'l. J. Biological Macromolecules, 28: 167-174.
↑	Bender et al., July 1994, "Characterization of Metal-Binding Biofloculants Produced by the Cyanobacterial Component of Mixed Microbial Mats," Applied and Environmental Microbiology, 60(7): 2311-2315.
	Dent et al., December 1991, "Effect of Culture Conditions of Flocculant Producing Yeast <i>C. tropicalis</i> on the Flocculating Activity in Chromic Tannery Waste Water," J. of the Biomass Energy Society of China, 10(3-4): 99-110. (translation of abstract provided on page 110)
	Dent et al., December 1991, "Effect of Culture Conditions of Flocculant Producing Yeast <i>C. tropicalis</i> on the Flocculating Activity in Filtrate of Hog Feces," J. of the Biomass Energy Society of China, 10(3-4): 111-124. (translation of abstract provided on page 124)
	Dent, June 1999, "The Flocculation and Microbial Decolorization of Lignin," J. of the Biomass Energy Society of China, 18(1-2): 39-45. (translation of abstract provided on page 45)
	Dent, 1999, "Wastewater Flocculation and COD Removal Rate," Bulletin of National Pingtung University of Science and Technology, 8(1): 9-26. (translation of abstract provided on pages 25-26)
	Dermlin et al., 1999, "Screening and characterization of biofloculant produced by isolated <i>Klebsiella</i> sp.," Appl. Microbiol. Biotechnol., 52: 698-703.
	Fujita et al., 2000, "Characterization of a Biofloculant Produced by <i>Citrobacter</i> sp. TKF04 from Acetic and Propionic Acids," J. Bioscience and Bioengineering, 89(1): 40-46.
	Ganjidoust et al., 1997, "Effect of Synthetic and Natural Coagulant on Lignin Removal from Pulp and Paper Wastewater," Wat. Sci. Tech., 35(2-3): 291-296.
	Gassenschmidt et al., 1995, "Isolation and Characterization of a Flocculating Protein from <i>Moringa oleifera</i> Lam.," Biochimica et Biophysica Acta, 1243: 477-481.
	Huang et al., 1990, "Studies on Culture Conditions for Production of Flocculant by Bacterial Strain S-4K," Rept. Taiwan Sugar Res. Inst., 129: 11-19. (translation of abstract provided on pages 11-12)
VA	Kunioka 1995, "Biosynthesis of Poly (γ-glutamic acid) from L-Glutamine, Citric Acid and Ammonium Sulfate in <i>Bacillus subtilis</i> IFO3335," Appl. Microbiol. Biotechnol. 44: 501-506.

V. Afremova

8-16-2006



## INFORMATION DISCLOSURE STATEMENT

Atty. Docket No. 10/762,429	Appln. No. 10/762,429
Applicant Heng-Chuan WANG et al.	
Filing Date January 21, 2004	Group: 1651

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
VA	Kurane et al., 1995, "Chemical Structure of Lipid Bioflocculant Produced by <i>Rhodococcus erythropolis</i> ," Biosci. Biotech. Biochem., 59(9): 1652-1656.
1	Kurane, 1997, "Environmentally Friendly Products and Processes for the 21 <sup>st</sup> Century," from <u>Global Environmental Biotechnology</u> , D.L. Wise (Ed.), published by Elsevier Science B V, pp. 759-769.
	Kurane et al., 1991, "Microbial Flocculation of Waste Liquids and Oil Emulsion by a Bioflocculant from <i>Alcaligenes latus</i> ," Agric. Biol. Chem., 55(4): 1127-1129.
	Kurane et al., 1994, "Production of a Bioflocculant by Mixed Culture," Biosci. Biotech. Biochem., 58(9): 1589-1594.
	Kurane et al., 1994, "Production of a Bioflocculant by <i>Rhodococcus erythropolis</i> S-1 Grown on Alcohols," Biosci. Biotech. Biochem., 58(2): 428-429.
	Kurane et al., 1994, "Purification and Characterization of Lipid Bioflocculant Produced by <i>Rhodococcus erythropolis</i> ," Biosci. Biotech. Biochem., 58(11): 1977-1982.
	Kwon et al., December 1996, "A Novel Flocculant Biopolymer Produced by <i>Pestalotiopsis</i> sp. KCTC 8637P," Biotechnology Letters, 18(2): 1459-1464.
	Lee et al., January 1995, "Microbial Flocculant from <i>Arcuadendron</i> sp. TS-49," Biotechnology Letters, 17(1): 95-100.
	Mortimer, 1991, "Synthetic Polyelectrolytes - A Review," Polymer International, 25(1): 29-41.
	Nam et al., 1996, "Bioflocculant Produced by <i>Aspergillus</i> sp. JS-42," Biosci. Biotech. Biochem., 60(2): 325-327.
	Ndabigengesere et al., 1998, "Quality of Water Treated by Coagulation Using <i>Moringa oleifera</i> Seeds," Wat. Res., 32(3): 781-791.
	Rosenberg, 1986, "Microbial Surfactants," CRC Critical Reviews in Biotechnology, 3(2): 109-132.
	Salehizadeh et al., 2001, "Extracellular Biopolymeric Flocculants: Recent Trends and Biotechnological Importance," Biotechnology Advances, 19: 371-385.
	Salehizadeh et al., 2000, "Some Investigations on Bioflocculant Producing Bacteria," Biochemical Engineering Journal, 5: 39-44.
	Shih et al., 2001, "The Production of Poly-( $\gamma$ -Glutamic Acid) from Microorganisms and its Various Applications," Bioresource Technology, 79: 207-225.
	Takeda et al., 1992, "Factors Affecting the Activity of a Protein Bioflocculant Produced by <i>Nocardia amarae</i> ," Journal of Fermentation and Bioengineering, 74(6): 408-409.
	Thompson et al., 1983, "Nutrient Conditions in Relation to Bacterial Flocculation, Extracellular Polymer Production and Sludge Settlement," Biotechnology Letters, 5(11): 761-766.
↓	Yokoi et al., June 1997, "Biopolymer Flocculant Produced by an Enterobacter sp." Biotechnology Letters, 19(6): 569-573.
VA	Yokoi et al., 1996, "Flocculation Properties of Poly-( $\gamma$ -Glutamic Acid) Produced by <i>Bacillus subtilis</i> ," Journal of Fermentation and Bioengineering, 82(1): 84-87.

8-16-2006

## INFORMATION DISCLOSURE STATEMENT

Atty. Docket No.	09405.0001-00000	Appln. No.	10/762,429
Applicant	Heng-Chuan WANG et al.		
Filing Date	January 21, 2004	Group:	1651

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
VA	Yokoi et al., October 1996, "Flocculation Properties of Xanthan Produced by <i>Xanthomonas campestris</i> ," Biotechnology Techniques, 10(10): 789-792.
VA	Zhen et al., November 1994, "Screening of Flocculant-Producing Microorganisms and Some Characteristics of Flocculants," Biotechnology Techniques, 8(11): 831-836.

Examiner	V. A. Remora	Date Considered	8-16-2006
*Examiner:	Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce		